Ap	plication No.	Applicant(s)	CD -
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	/647,648 aminer	UHL ET AL. Art Unit	
	resa J. Walberg	3742	
The MAILING DATE of this communication appears All claims being allowable, PROSECUTION ON THE MERITS IS (OR herewith (or previously mailed), a Notice of Allowance (PTOL-85) or on NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHT of the Office or upon petition by the applicant. See 37 CFR 1.313 and	REMAINS) CLOSED in this apther appropriate communications. This application is subject	pplication. If not included on will be mailed in due cou	rse. THIS
1. This communication is responsive to the amendment of Decementary of Decement 1.	<u>nber 17, 2004</u> .		
2. X The allowed claim(s) is/are <u>1-29</u> .			
3. The drawings filed on are accepted by the Examiner.			
 4. Acknowledgment is made of a claim for foreign priority under a) All b) Some* c) None of the: 1. Certified copies of the priority documents have been compared to the priority documents. 	en received. en received in Application No		from the
International Bureau (PCT Rule 17.2(a)).		national stage application	nom are ,
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of th noted below. Failure to timely comply will result in ABANDONMENT THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		y complying with the require	ements
5. A SUBSTITUTE OATH OR DECLARATION must be submitted INFORMAL PATENT APPLICATION (PTO-152) which gives re			CE OF
6. X CORRECTED DRAWINGS (as "replacement sheets") must be	submitted.		
(a) 🔲 including changes required by the Notice of Draftsperson's	Patent Drawing Review (PTC	9-948) attached	
1) hereto or 2) to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Am Paper No./Mail Date <u>9/21/04</u> .	nendment / Comment or in the	Office action of	
Identifying indicia such as the application number (see 37 CFR 1.84(c each sheet. Replacement sheet(s) should be labeled as such in the high			k) of
 DEPOSIT OF and/or INFORMATION about the deposit of attached Examiner's comment regarding REQUIREMENT FOR 			the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. Notice of Informal	Patent Application (PTO-15	i2)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	6. ☐ Interview Summary (PTO-413),	
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date	Paper No./Mail Da 7. ⊠ Examiner's Amend		
4. ☐ Examiner's Comment Regarding Requirement for Deposit		ent of Reasons for Allowar	
of Biological Material	9. ☐ Other	Doresa J. Wa Teresa J. Walberg Primary Examiner	llorg

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with attorney Timothy Newholm on March 10, 2005.

In claim 8, at line 6, "mechanical" has been changed to --mechanically--. In claim 10, at line 1, "the" has been changed to --each-- before "cooling". In claim 25, last line "mechanical" has been changed to --mechanically--. In claim 29, at line 1 "the" has been changed to --The--.

The abstract of the application has been amended to read as follows:

Abstract

An electric heating device as supplemental heating for motor vehicles includes as the heating elements power transistors directly mounted on the printed circuit board. For efficient removal of the dissipation heat from the power transistors the latter are in direct contact on their underside with a cooling element via openings in the printed circuit board. In order to simplify manufacture, the cooling elements are formed in two pieces: the heat conducting disk with a small thermal mass insertable into the opening

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of the printed circuit board, and the cooling body which can be connected to that heatconducting element.

- 2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: formal drawings will be supplied. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.
- 3. The following is an examiner's statement of reasons for allowance: The prior art of record does not disclose or render obvious an electric heating device as claimed wherein each heat-conducting element of each cooling element is mechanically fixed in the opening of the printed circuit board.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Teresa J. Walberg whose telephone number is 571-272-4790. The examiner can normally be reached on M-F 9:00 - 5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robin Evans can be reached on 571-272-4777. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Teresa J. Walherg
Primary Examiner
Art Unit 3742

tjw